

|                              |  |
|------------------------------|--|
| <b>In re application of:</b> | Enrique Musoll<br>Adolfo M. Nemirovsky<br>Mario D. Nemirovsky<br>Narendra Sankar |
| <b>Serial No.:</b>           | 09/706154  |
| <b>Filed:</b>                | 11/03/00   |
| <b>Docket:</b>               | MIPS.0170-00-US  |
| <b>For:</b>                  | FETCH AND DISPATCH DISASSOCIATION APPARATUS FOR MULTI-STREAMING PROCESSORS       |

**INFORMATION DISCLOSURE STATEMENT  
SUBMITTED UNDER 37 CFR 1.97(D) AND 1.97 (E)(2)**

Attached hereto is Form PTO-1449 listing documents believed relevant to the subject application. It is respectfully requested that the Examiner review the information disclosed herein in detail, independently evaluate each item carefully in the consideration of the pending claims and return an initialed copy of each form to the undersigned.

This disclosure statement should not be construed as a representation that a search has been made, that no other material information as defined in 37 C.F.R. § 1.56(a) exists, or as an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b) or is available as a reference under 35 U.S.C. § 102 *et seq.* Applicant reserves the right to swear behind or otherwise disprove the alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

It is believed that this disclosure complies with the requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98, and the Manual of Patent Examining Procedures § 609. If for some reason the examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

A copy of each document is enclosed. Some of the documents may have markings thereon. No significance is intended to be attached to the markings.

No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement. The information cited in the information disclosure statement was cited by the United States Patent Office in one or more applications that are related to the present application.

Also attached hereto is a check in the amount of **\$180.00** for the fee set forth in § 1.17(p).

01/11/2005 BABRAHA1 00000101 09706154

01 FC:1806

180.00 OP

Respectfully submitted,

  
James W. Huffman  
Huffman Law Group, Inc.  
Registration No. 35,549  
1832 N. Cascade Ave.  
Colorado Springs, CO 80907  
719.475.7103  
719.623.0141 fax  
jim@huffmanlaw.net

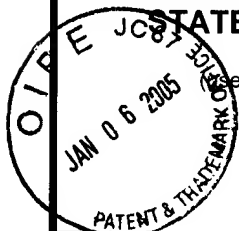
Date: 1-5-04

"EXPRESS MAIL" mailing label number E000370359543  
Date of Deposit 1-6-05 I hereby certify that this  
paper is being deposited with the U.S. Postal Service Express Mail  
Post Office to Addressee Service under 37 C.F.R. §1.10 on the  
date shown above and is addressed to the U.S. Commissioner of  
Patents and Trademarks, Washington, D.C. 20231.  
By: Wicki J. Hoge

Substitute for form 1449A/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

Use as many sheets as necessary



## **Complete if Known**

|                        |  |
|------------------------|--|
| Application Number     | 09/706154  |
| Filing Date            | 11/03/00   |
| First Named Inventor   | Enrique Musoll<br>Adolfo M. Nemirovsky<br>Mario D. Nemirovsky<br>Narendra Sankar |
| Group Art Unit         | 2183   |
| Examiner Name          | Shane Gerstl   |
| Attorney Docket Number | MIPS.0170-00-US  |

Sheet 1 of 2

## **U.S. PATENT DOCUMENTS**

| Examiner<br>Initials | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                           | Name of Patentee or Applicant<br>of Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines, Where<br>Relevant<br>Passages or Relevant Figures<br>Appear |
|----------------------|--------------------------|----------------------|---------------------------|--|--|--|
|                      |                          | Number               | Kind<br>Code <sup>2</sup> |  |  |  |
|                      | AA                       | 5699537              |                           | Sharangpani et al                                  | 12/16/1997   |  |
|                      | AB                       | 5724565              |                           | Dubey et al  | 03/03/1998   |  |
|                      | AC                       | 5745778              |                           | Robert A. Alfieri                                  | 04/28/1998   |  |
|                      | AD                       | 6105053              |                           | Kimmel et al                                       | 08/15/2000   |  |
|                      | AE                       | 6141746              |                           | Kawano et al                                       | 10/31/2000   |  |
|                      | AF                       | 6219780              |                           | Mikko Herman Lipasti                               | 04/17/2001   |  |
|                      | AG                       | 6343348              |                           | Tremblay et al                                     | 01/29/2002   |  |
|                      | AH                       | 6378063              |                           | Corwin et al                                       | 04/23/2002   |  |
|                      | AI                       | 6542991              |                           | Joy et al  | 04/01/2003   |  |
|                      | AJ                       | 6691221              |                           | Joshi et al  | 02/10/2004   |  |
|                      |                          |                      |                           |  |  |  |
|                      |                          |                      |                           |  |  |  |

## **FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials | Cite<br>No. <sup>1</sup> | Foreign Patent Document |                           | Name of Patentee or Applicant<br>of Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant Figures Appear |
|----------------------|--------------------------|-------------------------|---------------------------|--|--|--|
|                      |                          | Number <sup>4</sup>     | Kind<br>Code <sup>5</sup> |  |  |  |
|                      |                          |                         |                           |  |  |  |
|                      |                          |                         |                           |  |  |  |

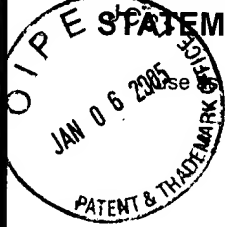
Examiner  
Signature

Date  
Considered

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup>Unique citation designation number. <sup>3</sup>See attached Kinds of U.S. Patent Documents. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

|   |   |    |   |                          |  |
|---|---|----|---|--------------------------|--|
| Substitute for form 1449A/PTO   |   |    |   | <b>Complete if Known</b> |  |
| <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b><br> Use as many sheets as necessary |   |    |   | Application Number       | 09/706154  |
|   |   |    |   | Filing Date              | 11/03/00   |
|   |   |    |   | First Named Inventor     | Enrique Musoll<br>Adolfo M. Nemirovsky<br>Mario D. Nemirovsky<br>Narendra Sankar |
|   |   |    |   | Group Art Unit           | 2183   |
|   |   |    |   | Examiner Name            | Shane Gerstl   |
| Sheet   | 2 | of | 2 | Attorney Docket Number   | MIPS.017-00-US   |

| OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---|-----------------------|---|----------------|
| Examiner Initials*                              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.   | T <sup>2</sup> |
|   | BA                    | <i>The PowerPC Architecture: A Specification for a New Family of RISC Processors</i> , Second Edition, Morgan Kaufmann, San Francisco, pp.70-92 (May 1994)  |                |
|   | BB                    | <i>MC68020 32-Bit Microprocessor User's Manual</i> , Third Edition, Prentice Hall, New Jersey, pp. 3-125, 3-126, and 3-127 (1989)   |                |
|   | BC                    | Potel, M.J., "Real-Time Playback in Animation Systems," <i>Proceedings of the 4<sup>th</sup> Annual Conference on Computer Graphics and Interactive Techniques</i> , San Jose, CA, pp. 72-77 (1977)   |                |
|   | BD                    | <i>ARM Architecture Reference Manual</i> , Prentice Hall, pp. 3-41, 3-42, 3-43, 3-67, 3-68 (1996)   |                |
|   | BE                    | <i>ESA/390 Principles of Operation</i> , IBM Library Server, Table of Contents and Para.7.5.31 and 7.5.70 (1993) (available at: <a href="http://publibz.boulder.ibm.com/cgi-bin/bookmgr_OS390/BOOK/DZ9AR001/CCONTENTS">http://publibz.boulder.ibm.com/cgi-bin/bookmgr_OS390/BOOK/DZ9AR001/CCONTENTS</a> ) |                |
|   | BF                    | <i>MC88110 Second Generation RISC Microprocessor User's Manual</i> , Motorola, Inc., pp.10-66, 10-67, and 10-71 (1991)  |                |
|   | BG                    | Diefendorff, Keith et al., "Organization of the Motorola 88110 Superscalar RISC Microprocessor," <i>IEEE Micro</i> , Vol. 12, No. 2, pp.40-63 (1992)  |                |
|   | BH                    | Kane, Gerry, <i>PA-RISC 2.0 Architecture</i> , Prentice Hall, New Jersey, pp. 7-106 and 7-107 (1996)  |                |
|   | BI                    | Diefendorff, Keith et al, "AltiVec Extension to PowerPC Accelerates Media Processing," <i>IEEE Micro</i> , Vol. 20, No. 2, pp.85-95 (March-April 2000)  |                |
|   | BJ                    | Diefendorff, Keith, "WinChip 4 Thumbs Nose at ILP," <i>Microprocessor Report</i> , Vol. 12, No.16, 10 pages (December 7, 1998)  |                |
|   | BK                    | Gwennap, Linley, "Digital 21264 Sets New Standard," <i>Microprocessor Report</i> , Vol. 10, No. 14, 11 pages (October 28, 1999)   |                |
|   | BL                    | Diefendorff, Keith, "Power4 Focuses on Memory Bandwidth," <i>Microprocessor Report</i> , Vol. 13, No. 13, 13 pages (October 6, 1999)  |                |
|   | BM                    | Diefendorff, Keith, "K7 Challenges Intel," <i>Microprocessor Report</i> , Vol. 12, No. 14, 7 pages (October 26, 1998)   |                |

|                    |  |                 |  |
|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
|--------------------|--|-----------------|--|